

ABSTRACT

APPARATUS

5 A change in the surface properties of apparatus for pharmaceutical preparation results from steam sterilisation. This change may be avoided by the use of apparatus with more hydrophilic post-sterilisation surfaces, e.g. those of gold.

10 Hence there is provided a process for the preparation of a mixture comprising a discontinuous phase in a continuous phase which comprises using a mixing apparatus having a non-porous mixing surface which is repellant to the discontinuous phase and/or
15 attractive to the continuous phase when the continuous phase is liquid or which is attractive to the discontinuous phase when the continuous phase is gaseous, whereby to improve the efficacy of the preparation of said mixture and/or to reduce physical
20 degradation of said mixing surface, said surface if hydrophilic being more hydrophilic after sterilisation than is stainless steel and if hydrophobic being more hydrophobic after sterilisation than is stainless steel.